

Emergency and Hazardous Chemical Inventory
Specific Information by Chemical

Printed: February 21, 2002

Facility Name: NASA Langley Research Center

FACILITY IDENTIFICATION:

NASA Langley Research Center

Latitude 37° 5'N Longitude 76° 22'W

Hampton, VA 23681

County:

Number of employees:

IDENTIFICATION NUMBERS:

SIC: 9661

CONTACT INFORMATION:

NASA Langley Research Center,

Title: N/A, Contact Type 1: Owner / Operator

Address: MS 429, Hampton, VA, 23681

Phones: Facility Phone Number: 757-864-3342

Brown, Robert

Title: Environ. Mngmt. Officer, Contact Type 1: Emergency Contact

Address: Bldg. 1183, MS 418, Hampton, VA, 23681

Phones: 24-hour: 757-238-2645

Email: robert.d.brown@larc.nasa.gov

Phillips, Alan

Title: Emergency Preparedness Officer, Contact Type 1: Emergency Contact

Address: Bldg. 1162, Hampton, VA, 23681

Phones: Work: 757-864-3358 Work: 757-864-3358

Work: 757-864-3358

Work: 757-864-3358

Email: a.h.phillips@larc.nasa.gov

CHEMICAL DESCRIPTIONS:

Emergency and Hazardous Chemical Inventory

Printed: February 21, 2002

Specific Information by Chemical

Facility Name: NASA Langley Research Center

☐ Identical to previous year

CAS: 68476-30-2

☐ TRADE SECRET

CHEM NAME: No. 2 Fuel Oil

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 06

Avg. Amt: , Avg. Daily Amt code: 06

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: A Pressure: 1 Temp: 4 Location: Building 648 Amount:

Container Type: A Pressure: 1 Temp: 4 Location: Building 1236 Amount:

Container Type: A Pressure: 1 Temp: 4 Location: Building 1297 Amount:

Container Type: A Pressure: 1 Temp: 4 Location: Building 1228 Amount:

Container Type: A Pressure: 1 Temp: 4 Location: Building 1297C Amount:

Container Type: A Pressure: 1 Temp: 4 Location: Building 1258 Amount:

Container Type: B Pressure: 1 Temp: 4 Location: Building 1215 Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 64742-47-8

☐ TRADE SECRET

CHEM NAME: JP-5

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 05

Avg. Amt: , Avg. Daily Amt code: 05

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: P Pressure: 1 Temp: 4 Location: Building 1244 Amount:

Container Type: F Pressure: 1 Temp: 4 Location: Building 1284C Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

Emergency and Hazardous Chemical Inventory

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Specific Information by Chemical

Facility Name: NASA Langley Research Center

☐ Identical to previous year

CAS: 811-97-2

☐ TRADE SECRET

CHEM NAME: 1,1,1,2-Tetrafluoroethane

☒ Pure ☐ Mix ☐ Solid ☐ Liquid ☒ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☒ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 05

Avg. Amt: , Avg. Daily Amt code: 05

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: A Pressure: 2 Temp: 4 Location: Building 648 Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1199 Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 648 Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 68476-34-6

☐ TRADE SECRET

CHEM NAME: Diesel Fuel

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: B Pressure: 1 Temp: 4 Location: Building 1199 Amount:

Container Type: A Pressure: 1 Temp: 4 Location: Building 1215 Amount:

Container Type: B Pressure: 1 Temp: 4 Location: Building 1201 Amount:

Container Type: B Pressure: 1 Temp: 4 Location: Building 1236 Amount:

Container Type: D Pressure: 1 Temp: 4 Location: Building 1285 (2 drums) Amount:

Container Type: A Pressure: 1 Temp: 4 Location: Building 1211 Amount:

Container Type: A Pressure: 1 Temp: 4 Location: Building 1213 Amount:

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Facility Name: NASA Langley Research Center

Container Type: A	Pressure: 1	Temp: 4	Location: Building 1248	Amount:
Container Type: A	Pressure: 1	Temp: 4	Location: Building 1244A	Amount:
Container Type: A	Pressure: 1	Temp: 4	Location: Building 1250	Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 8006-61-9

☐ TRADE SECRET

CHEM NAME: Gasoline

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: B Pressure: 1 Temp: 4 Location: Building 1199 Amount:

Container Type: D Pressure: 1 Temp: 4 Location: Building 1285 Amount:

Container Type: A Pressure: 1 Temp: 4 Location: Building 1244 Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 7440-59-7

☐ TRADE SECRET

CHEM NAME: Helium

☒ Pure ☐ Mix ☐ Solid ☐ Liquid ☒ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☒ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

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Facility Name: NASA Langley Research Center

STORAGE CODES & STORAGE LOCATIONS:

Container Type: L	Pressure: 2	Temp: 4	Location: Building 1200	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1221C	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1299	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1275	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1293A	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1287	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1205	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1250	Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 74-82-8

☐ TRADE SECRET

CHEM NAME: Methane

☐ Pure ☒ Mix ☐ Solid ☐ Liquid ☒ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☒ Fire ☒ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: A	Pressure: 2	Temp: 4	Location: Building 1265 (2 tanks)	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1265	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1200	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1293A	Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 76-13-1

☐ TRADE SECRET

CHEM NAME: Trichlorotrifluoroethane (Freon 113)

☒ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

UNCLASSIFIED INFORMATION

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

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Facility Name: NASA Langley Research Center

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☒ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt.: , Max Daily Amt code: 04

Avg. Amt.: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: C Pressure: 2 Temp: 4 Location: Building 1188 Amount: 65469 pounds

Container Type: L Pressure: 1 Temp: 4 Location: Building 1265 Amount: 722 pounds

Container Type: L Pressure: 1 Temp: 4 Location: Building 1208 Amount: 13 pounds

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 7727-37-9

☐ TRADE SECRET

CHEM NAME: Nitrogen

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☒ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☒ Sudden Release of Pressure ☒ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt.: , Max Daily Amt code: 07

Avg. Amt.: , Avg. Daily Amt code: 07

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: A Pressure: 2 Temp: 7 Location: Building 648 Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1188 Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1221C Amount:

Container Type: A Pressure: 2 Temp: 7 Location: Building 1133B Amount:

Container Type: A Pressure: 2 Temp: 4 Location: Building 1148

Amount:

Container Type: A Pressure: 2 Temp: 7 Location: Building 1293A Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1233 (on tube trailer) Amount:

Container Type: A Pressure: 1 Temp: 7 Location: Building 1236 Amount:

Container Type: A Pressure: 2 Temp: 7 Location: Building 1237B Amount:

Container Type: A Pressure: 2 Temp: 7 Location: Building 1242 Amount:

Container Type: A Pressure: 1 Temp: 7 Location: Building 1247E Amount:

Amount:

Container Type: A Pressure: 2 Temp: 7 Location: Building 1265 Amount:

Container Type: A Pressure: 2 Temp: 7 Location: Building 1277

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

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Facility Name: NASA Langley Research Center

Container Type: A	Pressure: 2	Temp: 7	Location: Builldign 1277	Amount:
Amount:				
Container Type: A	Pressure: 2	Temp: 4	Location: Building 1299	Amount:
Container Type: A	Pressure: 2	Temp: 4	Location: Building 648	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1148	Amount:
Container Type: R	Pressure: 2	Temp: 4	Location: Building 1250	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1205	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1212C	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1221B	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1247D	Amount:
Amount:				
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1250	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1265	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1293A	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1160	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1275	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1275	Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 7782-44-7

☐ TRADE SECRET

CHEM NAME: Oxygen

☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☒ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☒ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 05

Avg. Amt: , Avg. Daily Amt code: 05

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: A	Pressure: 2	Temp: 4	Location: Building 1265	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1221C	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1212C	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1223A	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1293A	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1148	Amount:

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Printed: February 21, 2002

Facility Name: NASA Langley Research Center

Container Type:	L	Pressure:	2	Temp:	4	Location:	Building 1148	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 648	Amount:				
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1232A	Amount:				
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1247D	Amount:				
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1275	Amount:				

Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

[] Identical to previous year

CAS: 74-98-6

[] TRADE SECRET

CHEM NAME: Propane

[x] Pure [] Mix [] Solid [x] Liquid [x] Gas [] EHS

PHYSICAL & HEALTH HAZARDS:

[x] Fire [x] Sudden Release of Pressure [] Reactivity [x] Immediate (acute) [] Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type:	A	Pressure:	2	Temp:	4	Location:	Building 1133B	Amount:
Container Type: A	Pressure: 2	Temp: 4	Location: Building 1221A	Amount:	6348 pounds			
Container Type: A	Pressure: 2	Temp: 4	Location: Building 1221B	Amount:	725 gallons			
Container Type: A	Pressure: 2	Temp: 4	Location: Building 1231	Amount:	63480 pounds			
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1148	Amount:	1270 pounds			
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1215	Amount:				
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1293A	Amount:				
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1268D	Amount:				

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

[] Identical to previous year

CAS: 107-21-1

[] TRADE SECRET

CHEM NAME: Ethylene Glycol

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Printed: February 21, 2002

Facility Name: NASA Langley Research Center

CHEM NAME: Ethylene Glycol

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: N Pressure: 1 Temp: 4 Location: Building 1247B Amount: 249 pounds

Container Type: N Pressure: 1 Temp: 4 Location: Building 1265 Amount: 288 pounds

Container Type: N Pressure: 1 Temp: 4 Location: Building 1199 Amount: 173 pounds

Container Type: C Pressure: 1 Temp: 4 Location: Building 1257 (North) Amount: 12455 pounds

Container Type: C Pressure: 1 Temp: 4 Location: Building 1257 (South) Amount: 12455 pounds

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 57-55-6

☐ TRADE SECRET

CHEM NAME: Propylene Glycol

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: A Pressure: 1 Temp: 4 Location: Building 582A Amount: 83106 pounds

Container Type: N Pressure: 1 Temp: 4 Location: Building 1260 Amount:

Container Type: E Pressure: 1 Temp: 4 Location: Building 1214 Amount:

Container Type: M Pressure: 1 Temp: 4 Location: Building 1293A Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Printed: February 21, 2002

Facility Name: NASA Langley Research Center

☐ Identical to previous year

CAS: 74-86-2

☐ TRADE SECRET

CHEM NAME: Acetylene

☐ Pure ☒ Mix ☐ Solid ☐ Liquid ☒ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☒ Fire ☒ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1223A Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1200 Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1284B Amount:

Container Type: M Pressure: 1 Temp: 4 Location: Building 1293A Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1297C Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1247D Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1212C Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1265 Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 7440-37-1

☐ TRADE SECRET

CHEM NAME: Argon

☐ Pure ☒ Mix ☐ Solid ☐ Liquid ☒ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☒ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: R Pressure: 2 Temp: 4 Location: Building 1232A Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1223A Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1148 Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1205 Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1265 Amount:

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Facility Name: NASA Langley Research Center

Container Type: L	Pressure: 2	Temp: 4	Location: Building 1265	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1276	Amount:
Container Type: L	Pressure: 2	Temp: 4	Location: Building 1275	Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 7439-92-1

☐ TRADE SECRET

CHEM NAME: Lead

☐ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: R Pressure: 1 Temp: 4 Location: Building 1275 Amount:

Container Type: M Pressure: 1 Temp: 4 Location: Building 1293A Amount:

Container Type: R Pressure: 1 Temp: 4 Location: Building 1230 Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 1333-74-0

☐ TRADE SECRET

CHEM NAME: Hydrogen

☐ Pure ☒ Mix ☐ Solid ☐ Liquid ☒ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☒ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Printed: February 21, 2002

Facility Name: NASA Langley Research Center

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1221C Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1293A Amount:

Container Type: L Pressure: 2 Temp: 4 Location: Building 1275 Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS: 7440-31-5

☐ TRADE SECRET

CHEM NAME: Tin

☐ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: R Pressure: 1 Temp: 4 Location: Building 1275 Amount:

Container Type: N Pressure: 2 Temp: 4 Location: Building 1293A Amount:

Container Type: R Pressure: 1 Temp: 4 Location: Building 1205 Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS:

☐ TRADE SECRET

CHEM NAME: Used Oil

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Printed: February 21, 2002

Facility Name: NASA Langley Research Center

STORAGE CODES & STORAGE LOCATIONS:

Container Type:	A	Pressure:	1	Temp:	4	Location:	90-day Storage Facility	Amount:
Container Type: D	Pressure: 1	Temp: 4	Location: 90-day Storage Facility	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1188	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1198	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1199	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1220	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1225	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1236	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1251/1251A	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1247E	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1265	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1267	Amount:				
Container Type: D	Pressure: 1	Temp: 4	Location: Building 1283	Amount:				

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS:

☒ TRADE SECRET

CHEM NAME: Inhibitor PM-605

☐ Pure ☒ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: E Pressure: 1 Temp: 4 Location: Building 1156 Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS:

☐ TRADE SECRET

Emergency and Hazardous Chemical Inventory

Specific Information by Chemical

Printed: February 21, 2002

Facility Name: NASA Langley Research Center

☐ TRADE SECRET

CHEM NAME: Oilly Water

☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 04

Avg. Amt: , Avg. Daily Amt code: 04

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: R Pressure: 1 Temp: 4 Location: Recycling Facility Amount:

Container Type: D Pressure: 1 Temp: 4 Location: Building 1225 Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

☐ Identical to previous year

CAS:

☐ TRADE SECRET

CHEM NAME: Mixed metal alloys

☐ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ EHS

PHYSICAL & HEALTH HAZARDS:

☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

INVENTORY:

Max Amt: , Max Daily Amt code: 05

Avg. Amt: , Avg. Daily Amt code: 05

Max quantity in largest container: ,

No. of days on-site: 365

STORAGE CODES & STORAGE LOCATIONS:

Container Type: R Pressure: 1 Temp: 4 Location: ubiquitous on Center Amount:

CHEMICALS IN INVENTORY STATE FIELDS: No additional chemical information is required by Virginia

FACILITY STATE FIELDS:

No additional information is required by Virginia

Tier Two Reporting Period: January 1 to December 31, 2001

Emergency and Hazardous Chemical Inventory

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Specific Information by Chemical

Printed: February 21, 2002

Facility Name: NASA Langley Research Center

FEES: None.

- ☒ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguard measures

Name and official title of owner/operator OR owner/operator's authorized representative: Robert D. Brown, Environmental Mngmt. Officer, OSEM
Date Signed:

CERTIFICATION:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages 1 through 15, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

RD Brown Env. Mngt Office RD Brown 2/26/2
Name and official title of owner/operator OR Signature Date Signed
owner/operator's authorized representative



